

**UTAH AIR QUALITY BOARD MEETING
MARCH 31, 2004
MINUTES**

I. Call to Order

The Board Chair, John Veranth, called the meeting to order at 1:35 p.m..

Board members present:

John Veranth
Ernest Wessman
Jerry Grover
Richard Olson

Rick Sprott
Jeff Utley
Jim Horrocks
John Cherry, teleconference

Dianne Nielson
Scott Hirsch
Joann Seghini

Executive Secretary: Richard W. Sprott

II. Date of the next Air Quality Board Meeting

First item of business is to set the date of next meeting, tentatively May 5, 2004, with June 2 the following month. If nothing is on the agenda in May, it will be cancelled and meeting will be held on June 2, 2004.

III. Approval of the Minutes of February 4, 2004

Second item on agenda was approval of the February minutes and seconded with motion carrying.

IV. Final Adoption

- R307110-12 and the Utah State Implementation Plan IX.C.6: Replace the Existing Provo Carbon Monoxide SIP with a new Attainment Demonstration and Maintenance Plan:

Presenter: Bill Colbert, Mobile Sources section of Planning Branch

In January of this year the Board sought comment on the plan and rules. On February 19, a public hearing was held in Provo, with only media attending. Public comments were generated after a newspaper article appeared the following day. Those comments in the packet showed a consensus from Utah County to get rid of oxygenated gasoline.

There were 47 comments from EPA Region 8. EPA requested the plan also include projections of mobile source emissions for 2004, the tables have been updated to include those numbers.

Per EPA's suggestion, the wording in the conformity section concerning the plan to address a "safety margin", which was a difference between what we are not projecting in 2014 and 2015 versus what MPO's, are requested for those 2 years.

Any significant changes in the I M program operating under a maintenance program would require a plan revision that would be submitted to EPA for approval. Examples of significant revisions are proposed to eliminate part of a fleet from an I M program, go biennial across the fleet, or do something that would reduce the number of emission credits. In those cases, a model would be needed and a plan revision submitted to the EPA.

Requests were not made for any credits for remote sensing. Programs are individual and have flexibility. There is no ceiling in your fees. Minor changes have occurred in the past and any significant changes would need to be submitted to EPA with a copy of current regulations.

How long is it going to take the EPA to approve Part 94 of the plans and rules?

The EPA understands the issue about refineries needing to order ethanol, especially if they need to produce oxygenated gasoline. They should know early in June if this package is approvable, or have an intent to approve and have a week or two to develop a compliance or enforcement discretion memo as they did when we went from 3.1 to 2.7 % oxygenate. There will be something by the end of June for the oxy fuel situation to be resolved

Region 8 will work with OECA, the enforcement arm of the EPA, to develop an enforcement discretion memo that they will send to refineries to let them know they will not be held liable for not producing oxygenated gasoline for winter 2004-2005.

Publication changes must be submitted to the State's Division of Administrative Rules by the 1st. They publish it on the 15th of April and that starts the 30-day hold period, with possibility of becoming effective on May 18th

EPA has 60 days to determine whether it is complete to approve the plan and rules. They write the Federal Register Notice, which has to address every item included in a checklist and it takes them awhile to write it. By the end of this week, Air Quality will have everything technical the EPA needs to do their review.

MOTION

Jo Ann Seghini made the motion to adopt R307-110-12 and Utah State Implementation Plan IX.C.6. to replace the existing Provo Carbon Monoxide SIP with a new Attainment Demonstration and Maintenance Plan; including the submitted conformity documents, Part F:

That we adopt:

Amendments to R307-110-31, Utah State Implementation Plan, Section X, Vehicle Inspection and Maintenance Program, Part A, General Requirements and Applicability;

Amendments to R307-110-34, Utah State Implementation Plan, Section X, Vehicle Inspection and Maintenance Program, Part D, for Utah County; and

Amendments to R307-301; Utah and Weber Counties; Oxygenated Gasoline Program.

Moved by Joann Seghini and seconded by Richard Olsen. Vote was in favor and motion carried.

All other sections of the plan remain unchanged.

V. Information Items

* A presentation was given to Hannie Moeller upon her retirement. Thanks and a gift from the Board members were given for her service for doing such a great job for the Board.

A. Opening Burning Rule Revision Dave McNeill presented:

There were items in the rule being proposed that may not have to go to EPA; we will separate the Non-Attainment area burning rules from attainment burning rules. State of Utah Smoke Management coordinator will brief the board on the process of how the state handles burning issues and also on the proposed changes in these rules. Smoke management and opening burning rules and how the two rules fit together.

B. Deseret Chemical Depot/TOCDF Presentation:

Ted Ryba, presented. Deputy Project Manager at TOCDF

Ted thanked the Board for allowing him the opportunity to give the presentation.

Elizabeth Wows was introduced as the EGMG's environmental manager. She executes the environmental program for TOCDF including hazardous wastes and air quality, and serves as primary representative of the facility.

The presentation was a general overview of what TOCDF is, what is done and what the processes are. There are 4 original base sites in the US that deal with incineration, one of which is Tooele. Tooele has stockpiled landmines, projectiles, rockets spray tanks and ton containers with the following chemicals: mustard agent, VX – nerve agent and Lewisite.

The original contract was awarded in 1989. Between August of 1996 and March of 2002, disposal of GB nerve agent was taking place at Deseret Chemical. In 2003, VX disposal operations began.

The munitions are transported to a demilitarization building where reverse assembly operations begin. They are taken apart and destroyed in 3 different furnaces, liquid incinerator, deactivation furnace system and the metal parts furnace. All gas streams are monitored for agent and other materials prior to release out the common stack. They are routinely tested and evaluated

The EPA and the Department of Environmental Quality oversee the operating permits and regulatory oversight. The National Research Council, arm of Congress, provides an independent oversight to US Congress of the chemical demilitarization program, providing recommendations and suggestions. OSHA protects the workers.

DCD has requested and received MACT compliance date extension to September 30, 2004.

The three furnaces have been going through deactivation since Nov 2003. From an operational standpoint, the VX campaign should be over later in 2004. Then a 4-6 month changeover period where the plant will be cleaned from VX to set up and get ready for the mustard campaign. Then there will be another round to CPT for all the furnaces for the mustard agent. DCD is looking forward to a seamless transition when it becomes time to be compliant. There will be verification testing that will not allow them to operate. Once compliance data is in place, they will become operational again.

Permits: Transition Emission limits from RCRA permit to Title V Operating Permit (MACT)
RCRA permit issued directly to TOCDF, but work under DCD Title V permit.

Contract extends until late 2007 where they will enter a clean up and closure phase which is a 2 year project. Closure activities will still need to be negotiated with SHW to bring permit to closure.

Mr. Ryba invited the group to tour the facilities. Contact Amy Torn: 1-435-882-3773. Questions by the Board were then answered by Mr. Ryba.

C. Schedules Public Meetings: Jan Miller presented

No public meetings coming up.

D. SIPS update: Dave McNeil presented:

- 1) PM Stakeholder meeting in the middle of the month went well. PM 2.5 starting getting comments back from EPA.
- 2) EPA looking at backlog of actions, revisions and updating to bring back to Board. Jan Miller coordinating the effort.
- 3) Also in progress is a revision to CO maintenance plan for Ogden and SLC to bring up to date with the Model 6 so the MPO's can use new numbers for conformity demonstrations.
- 4) Bill Colbert is revising I M SIPS to reflect new legislative requirement of bi annual testing for newer vehicles.

E. Monitoring Activities: Bob Dalley presented.

Data tables now on home page: Airmonitoring.utah.gov to find monthly data presented.

We now have continuous PM_{2.5} data at Logan, Lindon and Hawthorne elementary schools. This has not been included on graphs previously. Handout shows Logan data in red is higher in February and March 2004 due to the inversion. At 40 ug/m³ we issue yellow and a health advisory for sensitive people; at 52 for red; the actual health standard is at 65.

Summary for 2003 winter wood burn program ended March 14, 2004. There have been a greater number of red and yellow days this past winter since the program started using PM_{2.5} (a more restrictive program) as an indicator pollutant for the wood burn. There have been a higher number of days with stronger inversions that have lasted longer with higher concentrations.

Logan looks good for staying below the annual standard. North Salt Lake came close to exceeding the PM 2.5 24 hr standard.

Logan voluntary measures to control winter PM_{2.5} consisted of: a wood burning program, closing drive-up windows, car-pooling, etc.. Public Relations spots went out during red burn days. Mayor Thompson has been extremely proactive in seeking ways to solve problems before a non-attainment status is declared. Logan city power plant has been converted to natural gas and during red burn days, it has been shut down. The Utah State University's heating plant, previously coal fired, has been converted to natural gas. Traffic signal coordination on Main Street has helped in traffic flow.

F. HAPS Compliance Activities for February 2004 Dave McNeil presented.

Nothing reported

G. Compliance activities for January/February 2004.

Nothing reported.

Meeting was adjourned.